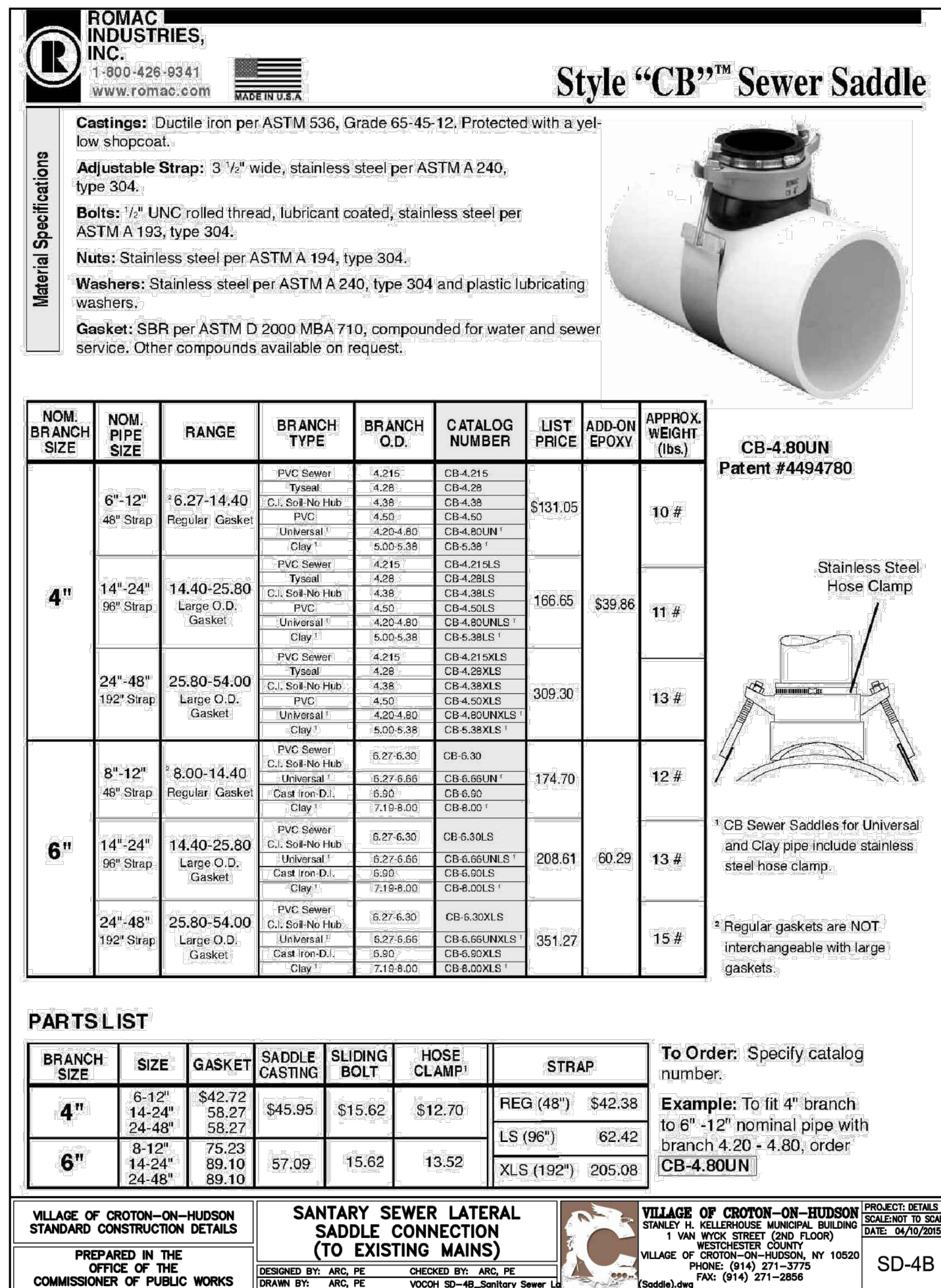
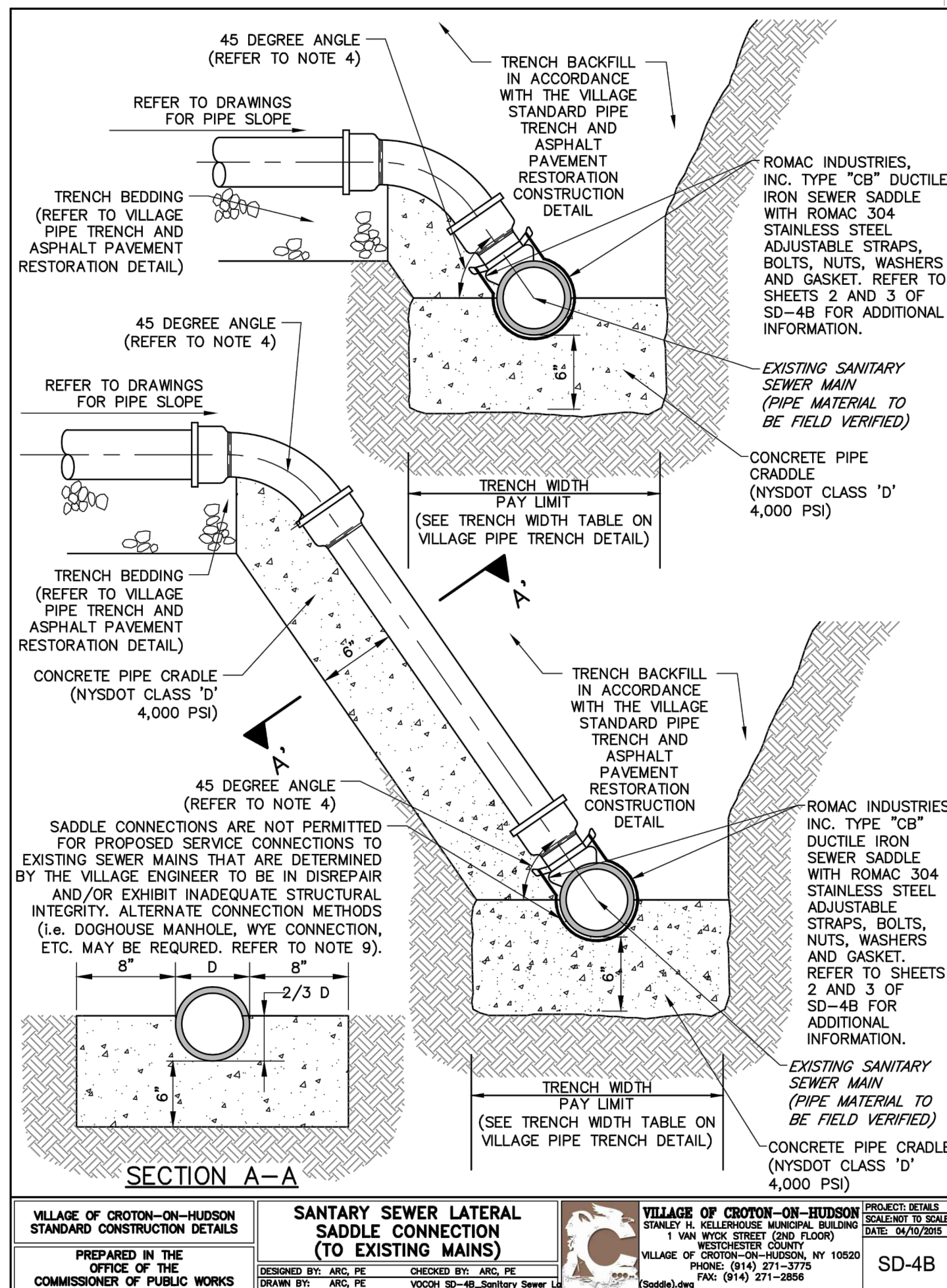
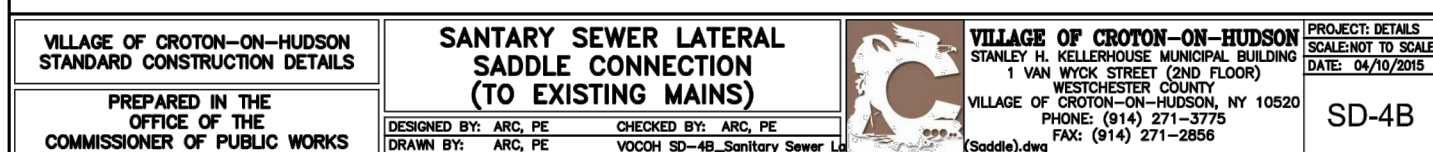


- A. WHENEVER A WATER MAIN MUST CROSS OVER OR UNDER A SANITARY SEWER OR STORM DRAIN, THE PIPES SHALL BE LAID TO PROVIDE A VERTICAL SEPARATION BETWEEN THEM OF AT LEAST 18 INCHES, AS MEASURED FROM THE BOTTOM OF THE HIGHER PIPE TO THE CROWN OF THE LOWER PIPE.
 - B. FULL LENGTH OF WATER PIPE MUST BE CENTERED AT THE POINT OF CROSSING; NO JOINTS WILL BE PERMITTED AT THE POINT OF CROSSING.
2. WATER MAIN CROSSING UNDER SANITARY SEWERS:
- A. VERTICAL SEPARATION OF 18 INCHES MUST BE PROVIDED.
 - B. ADEQUATE STRUCTURAL SUPPORT MUST BE PROVIDED FOR THE SANITARY SEWER TO PREVENT EXCESSIVE DEFLECTION OF JOINTS AND SETTLING.
 - C. FULL LENGTH OF WATER PIPE MUST BE CENTERED AT THE POINT OF CROSSING; NO JOINTS WILL BE PERMITTED AT THE POINT OF CROSSING.
3. IF DURING CONSTRUCTION IT IS FOUND THAT THE REQUIRED SEPARATION OF WATER MAINS, SANITARY SEWERS, STORM SEWERS AND BUILDING SANITARY SEWERS CANNOT BE MET, THE CONTRACTOR OR HIS AUTHORIZED REPRESENTATIVE SHALL IN WRITING ADVISE JOHN MEYER CONSULTING OF THE SPECIFIC CONDITIONS ENCOUNTERED. APPROVAL OF ALTERNATIVE SEPARATION CRITERIA SHALL BE OBTAINED FROM THE WESTCHESTER COUNTY DEPARTMENT OF HEALTH PRIOR TO INSTALLATION.

X



1. ALL SERVICE LINES SHALL HAVE A MINIMUM OF THREE AND ONE HALF (3 1/2) FEET OF COVER.
2. SERVICE LINE LOCATION, GRADE AND ALIGNMENT SHALL BE AS SHOWN ON DRAWINGS OR AS DIRECTED BY THE COMMISSIONER OF PUBLIC WORKS AND/OR VILLAGE ENGINEER.
3. WHERE SERVICE LINES ARE TO BE DEAD-ENDED, CONTRACTOR SHALL INSTALL APPROVED WATERTIGHT AND PRESSURE-TIGHT PLUGS.
4. IF MINIMUM COVER CANNOT BE ATTAINED WHILE MAINTAINING MINIMUM SLOPE, THE ANGLE OF CONNECTION MAY BE REDUCED TO 22.5°, IF APPROVED BY THE ENGINEER AND GOVERNING BODY WITH JURISDICTION.
5. SANITARY SEWER SERVICE LINE INCLUDING FITTINGS SHALL BE POLYVINYL CHLORIDE PIPE (PVC) SDR--26 CLASS 160 PRESSURE PIPE WITH PUSH-ON JOINTS IN ACCORDANCE WITH ASTM D-3034 AND D--3212.
6. THE CONNECTION SHALL BE MADE IN ACCORDANCE WITH THE RECOMMENDATIONS OF THE MANUFACTURER AND IN THE PRESENCE OF THE VILLAGE ENGINEER.
7. THE SADDLE SHALL PROPERLY MATCH THE EXISTING SANITARY SEWER MAIN.
8. ROUGH EDGES LEFT BY SAWCUT OR CORING SHALL BE SMOOTHED WITH A FILE OR SAND PAPER DEPENDING UPON THE MATERIAL OF THE SANITARY SEWER MAIN.
9. OVERTCUTTING THE HOLE OR DAMAGING THE SANITARY SEWER MAIN WILL WARRANT REPLACEMENT OF THE DAMAGED MAIN LINE SEGMENT AND INSTALLATION OF A FACTORY MANUFACTURED WYE CONNECTION OR NYSDOT PRECAST CONCRETE DOGHOUSE MANHOLE.
10. THE HOLES MUST BE OFFSET A MINIMUM OF 2 FEET FROM THE JOINTS.
11. THE COMMISSIONER OF PUBLIC WORKS AND/OR VILLAGE ENGINEER MUST INSPECT THE TAP AND PIPE TRENCH PRIOR TO AND DURING BACKFILL. THE OWNER, OWNER'S REPRESENTATIVE AND/OR CONTRACTOR SHALL CONTACT THE COMMISSIONER OF PUBLIC WORKS AT (914) 271--3775 AND/OR THE VILLAGE ENGINEER AT (914) 271--4783 BY EMAIL: ACCARACROTON@NICHUDDON-NY.ORG (24) HOURS PRIOR TO START OF WORK.



SANITARY SEWER LATERAL SADDLE CONNECTION (TO EXISTING MAINS)

X

SP-7

NO.	REVISION	DATE	BY
1.	REVISED/ISSUED IN RESPONSE TO WCH COMMENTS	01/04/2013	RC
2.	REVISED PER CON EDISON COMMENTS	06/18/2015	DS
3.	REVISED/ISSUED IN RESPONSE TO WCH COMMENTS	08/05/2015	DM

Previous Editions Obsolete

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SANITARY SEWER DETAILS

FARRINGTON ROAD & HUNTER PLACE IMPROVEMENTS

FARRINGTON ROAD & HUNTER PLACE
VILLAGE OF CROTON-ON-HUDSON, NEW YORK

DRAWN: RC		APPROVED: RR	
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